

AUTHOR INDEX TO VOLUME 31

This index lists, in alphabetical order, the names of authors of all articles and book reviews. Full citation is provided under the first author only, with cross reference to this author made from entries to other authors. Book reviews are distinguished from articles by the letter B after the page number.

A

Aärmaa T, see Hackman P
 Acosta JA, see Esper GJ
 Ahangari R, see Buchwald B
 Akeida K, see Fukuda A
 Alén R, see Hackman P
 Altay B, see Ertekin C
 Ambrosone L, see Ammendola A
 Aminoff MJ: Atlas of Human Anatomy, 3rd edition, 275-B
 Aminoff MJ: Handbook of Clinical Neurophysiology, 126-B
 Aminoff MJ: Myology, Basic and Clinical, 3rd Edition, 531-B
 Aminoff MJ: Netter's Atlas of Human Neuroscience, 275-B
 Ammendola A, Sampaolo S, Ambrosone L, Ammendola E, Ciccone G, Migliaresi S, Di Iorio G: Peripheral neuropathy in hepatitis-related mixed cryoglobulinemia: Electrophysiologic follow-up study, 382
 Ammendola E, see Ammendola A
 Andersen H, see Dornonville de la Cour C
 Anderson JE, see Wozniak AC
 Ando Y, see Yamashita T
 Armon C, see Marciniak C
 Asbury AK, see England JD
 Attarian S, see Verschueren A
 Auranen M, see Hackman P
 Aydogdu I, see Ertekin C
 Azulay JP, see Verschueren A

B

Bach FW, see Qerama E
 Bademkiran F, see Ertekin C
 Baker SK: Molecular clues into the pathogenesis of statin-mediated muscle toxicity, 572
 Bear D, see Gupta R
 Beekman R, see Visser LH
 Behrhof W, see Tews DS
 Benatar M, see Esper GJ
 Bennett DJ, see Heckman CJ
 Bergamasco B, see Isoardo G
 Bernareggi A, Furling D, Mouly V, Ruzzier F, Sciancalepore M: Myocytes

from congenital myotonic dystrophy display abnormal Na⁺ channel activities, 506
 Bhakta D, see Groh WJ
 Binder-MacLeod S, Kesar T: Catchlike property of skeletal muscle: Recent findings and clinical implications, 681
 Binder-MacLeod SA, see Ding J; Scott WB; Stackhouse SK
 Blijham PJ, see Kho KH
 Blok JH, Visser GH, de Graaf S, Zwarts MJ, Stegeman DF: Statistical motor unit number estimation assuming a binomial distribution, 182
 Bock E, see Wozniak AC
 Boe SG, Stashuk DW, Brown WF, Doherty TJ: Decomposition-based quantitative electromyography: Effect of force on motor unit potentials and motor unit number estimates, 365
 Bojsen-Møller J, see Rudroff T
 Bonifazi E, see Merlini L
 Bonne G, see Mercuri E
 Bosch EP, see Pingree MJ
 Boucraut J, see Verschueren A
 Brannagan TH III, see Goldfarb AR
 Brown SC, see Mercuri E
 Brown WF, see Boe SG
 Buchwald B, Ahangari R, Weishaupt A, Toyka KV: Presynaptic effects of immunoglobulin G from patients with Lambert-Eaton myasthenic syndrome: Their neutralization by intravenous immunoglobulins, 487
 Bullens RWM, Halstead SK, O'Hanlon GM, Veitch J, Molenaar PC, Willison HJ, Plomp JJ: Concanavalin A inhibits pathophysiological effects of anti-ganglioside GQ1b antibodies at the mouse neuromuscular synapse, 751
 Burke MM, see Mercuri E
 Burns AS, Lemay MA, Tessler A: Abnormal spontaneous potentials in distal muscles in animal models of spinal cord injury, 46

C

Cappellari A, see Nobile-Orazio E
 Carlsen RC, see Higashimori H

Carraro U, see Kern H
 Carter GT, see England JD
 Carter GT, Yudkowsky MP, Han JJ, McCrory MA: Topiramate for weight reduction in Duchenne muscular dystrophy (letter), 788
 Cashman NR, see Trojan DA
 Cavallo F, see Isoardo G
 Chao T, see Gupta R
 Chapin JE, Kornfeld M, Harris A: Amyloid myopathy: Characteristic features of a still underdiagnosed disease, 266
 Childers MK, Staley JT, Kornegay JN, McDonald KS: Skinned single fibers from normal and dystrophin-deficient dogs incur comparable stretch-induced force deficits, 768
 Christensen H, see Finsen L
 Chung I-H, see Lee K-S
 Ciaramitaro P, see Isoardo G
 Ciccone G, see Ammendola A
 Clark AL, see Gregory WT
 Cocito D, see Isoardo G
 Cohen JA, see England JD
 Columbaro M, see Merlini L
 Critchlow A, see Hunter SK

D

Dan YF, see Lo YL
 Day MJ, see Salvadori C
 de Bleecker JL, see de Paeppe B
 de Graaf S, see Blok JH
 de Paeppe B, de Bleecker JL: β -Chemokine receptor expression in idiopathic inflammatory myopathies, 621
 Deschenes MR, Wilson MH, Kraemer WJ: Neuromuscular adaptations to spaceflight are specific to postural muscles, 468
 Di Iorio G, see Ammendola A
 Ding J, Lee SCK, Johnston TE, Wexler AS, Scott WB, Binder-MacLeod SA: Mathematical model that predicts isometric muscle forces for individuals with spinal cord injuries, 702
 Doherty TJ, see Boe SG; McNeil CJ
 Dornonville de la Cour C, Andersen H,

Stålberg E, Fuglsang-Frederiksen A, Jakobsen J: Electrophysiological signs of permanent axonal loss in a follow-up study of patients with Guillain-Barré syndrome, 70
 Drory VE, see Syntantiev C
 Drost MR, see Hesselink RP; Minnaard R
 Drummond MJ, see Woolstenhulme MT
 Dunand M, Lohrinus JA, Spertini O, Kuntzer T: Eosinophilic perimyositis as the presenting feature of a monoclonal T-cell expansion, 646
 Durairaj V, see Quan D

E

Eisen A: Amyotrophic lateral sclerosis, 790-B
 England JD, Gronseth GS, Franklin G, Miller RG, Asbury AK, Carter GT, Cohen JA, Fisher MA, Howard JF, Kinsella LJ, Latov N, Lewis RA, Low PA, Sumner AJ: Distal symmetrical polyneuropathy: Definition for clinical research, 113
 Engvall E, see Salvadori C
 Enoka RM, see Hunter SK; Rudroff T; Shinohara M
 Ertekin C, Bademkiran F, Yildiz N, Ozdedeli K, Altay B, Aydogdu I, Uludag B: Central and peripheral motor conduction to cremasteric muscle, 349
 Esper GJ, Nardin RA, Benatar M, Sax TW, Acosta JA, Raynor EM: Sural and radial sensory responses in healthy adults: Diagnostic implications for polyneuropathy, 628
 Evans AAL, see Khan S
 Eymard B, see Ollivier K

F

Fajkusova L, see Vondracek P
 Fansa H, see Keilhoff G
 Finsen L, Søgaard K, Graven-Nielsen T, Christensen H: Activity patterns of wrist extensor muscles during wrist extensions and deviations, 242
 Fisher MA, see England JD
 Fox IK, Jaramillo A, Hunter DA, Rickman SR, Mohanakumar T, Mackinnon SE: Prolonged cold-preservation of nerve allografts, 59
 Franklin G, see England JD
 Franssen H, see Visser LH
 Fuglsang-Frederiksen A, see Dornonville de la Cour C; Qerama E
 Fukuda A, Hirata H, Akeda K, Morita A, Nagakura T, Tsujii M, Uchida A: Enhanced reinnervation after neurotization with Schwann cell transplantation, 229
 Furling D, see Bernareggi A

G

Geuna S, see Gigo-Benato D
 Gigo-Benato D, Geuna S, Rochkind S: Phototherapy for enhancing peripheral

nerve repair: A review of the literature, 694
 Girgenrath S, Song K, Whittemore L-A: Loss of myostatin expression alters fiber-type distribution and expression of myosin heavy chain isoforms in slow- and fast-type skeletal muscle, 34
 Goldfarb AR, Weimer LH, Brannagan TH III: Rituximab treatment of an IgM monoclonal autonomic and sensory neuropathy, 510
 Gomez-Merino D, see Ollivier K
 Gorassini MA, see Heckman CJ
 Gracies J-M: Pathophysiology of spastic paresis. I: Paresis and soft tissue changes, 535
 Gracies J-M: Pathophysiology of spastic paresis. II: Emergence of muscle overactivity, 552
 Graven-Nielsen T, see Finsen L
 Gray M, see Gupta R
 Greenberg SA, Walsh RJ: Molecular diagnosis of inheritable neuromuscular disorders. Part I: Genetic determinants of inherited disease and their laboratory detection, 418
 Greenberg SA, Walsh RJ: Molecular diagnosis of inheritable neuromuscular disorders. Part II: Application of genetic testing in neuromuscular disease, 431
 Gregory WT, Clark AL, Johnson J, Willis K, Stuyvesant A, Lou J-S: Anal sphincter electromyography: Editing of sampled motor unit action potentials, 256
 Groh WJ, Lowe MR, Simmons Z, Bhakta D, Pascuzzi RM: Familial clustering of muscular and cardiac involvement in myotonic dystrophy type 1, 719
 Gronseth GS, see England JD
 Grozman GB, see Syntantiev C
 Gupta R, Gray M, Chao T, Bear D, Modafferi E, Mozaffar T: Schwann cells upregulate vascular endothelial growth factor secondary to chronic nerve compression injury, 452

H

Hackman P, Juvonen V, Sarparanta J, Penttinen M, Aärimaa T, Uusitalo M, Auranen M, Pihko H, Alén R, Junes M, Lönnqvist T, Kalimo H, Udd B: Enrichment of the R77C α -sarcoglycan gene mutation in Finnish LGMD2D patients, 199
 Hallett M, see Shibasaki H
 Halstead SK, see Bullens RWM
 Hamadeh MJ, Rodriguez MC, Kaczor JJ, Tarnopolsky MA: Caloric restriction transiently improves motor performance but hastens clinical onset of disease in the Cu/Zn-superoxide dismutase mutant G93A mouse, 214
 Hammer-White S, see Kelkar P
 Han JJ, see Carter GT
 Haraoka K, see Yamashita T
 Harris A, see Chapin JE
 Hashimoto M, see Tamura Y
 Hashimoto T, see Yamamoto K
 Heaton JT, Kobler JB: Use of muscle

fibrillation for tracking nerve regeneration, 235
 Heckman CJ, Gorassini MA, Bennett DJ: Persistent inward currents in motoneuron dendrites: Implications for motor output, 135
 Hermanova M, see Vondracek P
 Hesselink MKC, see Minnaard R
 Hesselink RP, Van Kranenburg G, Wagenmakers AJM, Van Der Vusse GJ, Drost MR: Age-related decline in muscle strength and power output in acid 1-4 α -glucosidase knockout mice, 374
 Higashimori H, Whetzel TP, Mahmood T, Carlsen RC: Peripheral axon caliber and conduction velocity are decreased after burn injury in mice, 610
 Hirata H, see Fukuda A
 Hogrel J-Y, see Ollivier K
 Horowitz SH, see Mackin GA
 Horowitz SH: What happens when cutaneous nerves are injured during vinipuncture?, 415
 Howard JF, see England JD
 Hughes S, see Khan S
 Hummelshelm H, see Renner CIE
 Hunter DA, see Fox IK
 Hunter SK, Rochette L, Critchlow A, Enoka RM: Time to task failure differs with load type when old adults perform a submaximal fatiguing contraction, 730

I

Ikeda S-I, see Yamamoto K
 Inoue K, see Tamura Y
 Isoardo G, Migliaretti G, Ciaramitaro P, Rota E, Poglio F, Tavella A, Paolasso I, Cavallo F, Bergamasco B, Cocito D: Differential diagnosis of chronic dysimmune demyelinating polyneuropathies with and without anti-MAG antibodies, 52

J

Jacob S, see Rajabally YA
 Jakobsen J, see Dornonville de la Cour C
 Jaramillo A, see Fox IK
 Jensen TS, see Qerama E
 Jikumaru M, see Masuda T
 Johnson J, see Gregory WT
 Johnston TE, see Ding J; Scott WB
 Jones HR Jr, see Ryan MM
 Junes M, see Hackman P
 Jutte LS, see Woolstenhulme MT
 Juvonen V, see Hackman P

K

Kaczor JJ, see Hamadeh MJ
 Kaji R, see Nodera H
 Kalimo H, see Hackman P
 Kamen G, see Knight CA
 Kang PB, Preston DC, Raynor EM: Involvement of superficial peroneal

sensory nerve in common peroneal neuropathy, 725

Karcher DS, see Kelly JJ

Kasch H, see Qerama E

Katsuragi S, see Yamashita T

Keenan KG, see Shinohara M

Keilhoff G, Fansa H: Successful intramuscular neurotization is dependent on the denervation period. A histomorphological study of the gracilis muscle in rats, 221

Kelkar P, Hammer-White S: Impaired glucose tolerance in nondiabetic lumbosacral radiculoplexus neuropathy (letter), 273

Kelly JJ, Karcher DS: Lymphoma and peripheral neuropathy: A clinical review, 301

Kern H, Salmons S, Mayr W, Rossini K, Carraro U: Recovery of long-term denervated human muscles induced by electrical stimulation, 98

Kesar T, see Binder-MacLeod S

Khan S, Evans AAL, Hughes S, Smith ME: β -Endorphin decreases fatigue and increases glucose uptake independently in normal and dystrophic mice, 481

Kho KH, Blijham PJ, Zwarts MJ: Meralgia paresthetica after strenuous exercise, 761

Kiernan MC, see Krishnan AV

Kimiagar Y, see Kushnir M

Kinali M, see Mercuri E

Kinsella LJ, see England JD

Klein C, see Kushnir M

Kleinschmidt-Demasters BK, see Quan D

Kleopa KA, Kyriacou K, Zambas-Papicolaou E, Kyriakides T: Reversible inflammatory and vacuolar myopathy with vitamin E deficiency in celiac disease, 260

Knight CA, Kamen G: Superficial motor units are larger than deeper motor units in human vastus lateralis muscle, 475

Kobler JB, see Heaton JT

Kong J, see Wozniak AC

Kornegay JN, see Childers MK

Kornfeld M, see Chapin JE

Kraemer WJ, see Deschenes MR

Krishnan AV, Lin CSY, Kiernan MC: Excitability differences in lower-limb motor axons during and after ischemia, 205

Kuipers H, see Minnaard R

Kumamoto T, see Masuda T

Kuntzer T, see Dunand M

Kushnir M, Klein C, Kimiagar Y, Pollak L, Rabey JM: Medial dorsal superficial peroneal nerve studies in patients with polyneuropathy and normal sural responses, 386

Kyriacou K, see Kleopa KA

Kyriakides T, see Kleopa KA

L

Lacomis D, Roeske-Anderson L, Mathie L: Neuropathy and Fabry's disease, 102

Laforêt P, see Ollivier K

Lamb GD: Rippling muscle disease may

be caused by "silent" action potentials in the tubular system of skeletal muscle fibers, 652

Latov N, see England JD

Lee K-S, Oh C-S, Chung I-H, Sunwoo I-N: An anatomic study of the Martin-Gruber anastomosis: Electrodiagnostic implications, 95

Lee SCK, see Ding J; Scott WB; Stackhouse SK

Lemay MA, see Burns AS

Leoh TH, see Lo YL

Leonard JA Jr, see Mackin GA

Lewis RA, see England JD

Lin CSY, see Krishnan AV

Liu P, see Pingree MJ

Lo YL, Leoh TH, Xu LQ, Nurjannah S, Dan YF: Short-segment nerve conduction studies in the localization of ulnar neuropathy of the elbow: Use of flexor carpi ulnaris recordings, 633

Lobrinus JA, see Dunand M

Lomen-Hoerth C: Management of Patients with Neuromuscular Disease, 406-B

Lönnqvist T, see Hackman P

Lou J-S, see Gregory WT

Low PA, see England JD

Lowe MR, see Groh WJ

M

MacDonald JR, see Motlagh B

Mackin GA, Horowitz SH, Leonard JA Jr, Musick DW: Guidelines for ethical behavior relating to clinical practice issues in electrodiagnostic medicine, 400

Mackinnon SE, see Fox IK

Maganaris CN, see Reeves ND

Mahmood T, see Higashimori H

Mamet R, see Syntantiev C

Marciniak C, Armon C, Wilson J, Miller R: Practice parameter: Utility of electrodiagnostic techniques in evaluating patients with suspected peroneal neuropathy: An evidence-based review, 520

Massa R, see Merlini L

Masuda T, Ueyama H, Nakamura K-I, Jikumaru M, Toyoshima I, Kumamoto T: Skeletal muscle expression of clathrin and mannose 6-phosphate receptor in experimental chloroquine-induced myopathy, 495

Mathie L, see Lacomis D

Matsui K, see Tamura Y

Mayr W, see Kern H

McCrory MA, see Carter GT

McDonald KS, see Childers MK

McKenna W, see Mercuri E

McNeil CJ, Doherty TJ, Stashuk DW, Rice CL: Motor unit number estimates in the tibialis anterior muscle of young, old, and very old men, 461

Mercuri E, Brown SC, Nihoyannopoulos P, Poulton J, Kinali M, Richard P, Piercy RJ, Messina S, Sewry C, Burke MM, McKenna W, Bonne G, Muntoni F: Extreme variability of skeletal and cardiac muscle involvement in patients

with mutations in exon 11 of the lamin A/C gene, 602

Merlini L, Sabatelli P, Columbaro M, Bonifazi E, Pisani V, Massa R, Novelli G: Hyper-CK-emia as the sole manifestation of myotonic cystrophy type 2, 764

Messina S, see Mercuri E

Migliarese S, see Ammendola A

Migliaretti G, see Isoardo G

Miller R, see England JD; Marciniak C

Minnaard R, Drost MR, Wagenmakers AJM, van Kranenburg GP, Kuipers H, Hesselink MKC: Skeletal muscle wasting and contractile performance in septic rats, 339

Modafferi E, see Gupta R

Mohanakumar T, see Fox IK

Molenaar PC, see Bullens RWM

Monstad P, see Mygland Å

Morita A, see Fukuda A

Motlagh B, MacDonald JR, Tarnopolsky MA: Nutritional inadequacy in adults with muscular dystrophy, 713

Mouly V, see Bernareggi A

Moyer M, see van Lunteren E

Mozaffar T, see Gupta R

Muntoni F, see Mercuri E

Musick DW, see Mackin GA

Mygland Å, Monstad P, Vedeler C: Onset and course of chronic inflammatory demyelinating polyneuropathy, 589

N

Nagakura T, see Fukuda A

Nakamura K-I, see Masuda T

Nakamura M, see Yamashita T

Nardin RA, see Esper GJ

Narici MV, see Reeves ND

Nautiyal J, see Personius KE

Nihoyannopoulos P, see Mercuri E

Nobile-Orazio E, Cappellari A, Priori A: Multifocal motor neuropathy: Current concepts and controversies, 663

Nodera H, Kaji R: F-wave latency is the most reproducible NCS parameter in repeated studies performed at short intervals (letter), 407

Novelli G, see Merlini L

Nurjannah S, see Lo YL

O

Obayashi K, see Yamashita T

Oh C-S, see Lee K-S

O'Hanlon GM, see Bullens RWM

Okamoto S, see Yamashita T

Ollivier K, Hogrel J-Y, Gomez-Merino D, Romero NB, Laforêt P, Eymard B, Portero P: Exercise tolerance and daily life in McArdle's disease, 637

Ozdedeli K, see Ertekin C

P

Paolasso I, see Isoardo G

Parcell AC, see Woolstenhulme MT

Pascuzzi RM, see Groh WJ

Pelak V, see Quan D
 Pellissier JF, see Verschueren A
 Penttinen M, see Hackman P
 Personius KE, Nautiyal J, Reddy S:
 Myotonia and muscle contractile
 properties in mice with *SLX5* deficiency,
 503
 Peters IR, see Salvadori C
 Piercy RJ, see Mercuri E
 Pihko H, see Hackman P
 Pilipowicz O, see Wozniak AC
 Pingree MJ, Bosch EP, Liu P, Smith BE:
 Delayed ulnar neuropathy at the wrist
 following open carpal tunnel release,
 394
 Pisani V, see Merlini L
 Plomp JJ, see Bullens RWM
 Poglio F, see Isoardo G
 Pollak L, see Kushnir M
 Portero P, see Olivier K
 Poston B, see Rudroff T
 Pouget J, see Verschueren A
 Poulton J, see Mercuri E
 Preston DC, see Kang PB
 Priori A, see Nobile-Orazio E
 Proske U: What is the role of muscle
 receptors in proprioception?, 780

Q

Qerama E, Fuglsang-Frederiksen A, Kasch
 H, Bach FW, Jensen TS: Effects of
 evoked pain on the electromyogram
 and compound muscle action potential
 of the brachial biceps muscle, 25
 Quan D, Pelak V, Tanabe J, Durairaj V,
 Kleinschmidt-Demasters BK: Spinal and
 cranial hypertrophic neuropathy in
 multiple sclerosis, 772

R

Rabey JM, see Kushnir M
 Rajabally YA, Jacob S: Neuropathy
 associated with lansoprazole treatment
 (letter), 124
 Raynor EM, see Esper GJ; Kang PB
 Reddy S, see Personius KE
 Reeves ND, Maganaris CN, Narici MV:
 Plasticity of dynamic muscle
 performance with strength training in
 elderly humans, 355
 Renner CIE, Schubert M, Hummelsheim
 H: Selective effect of repetitive hand
 movements on intracortical excitability,
 314
 Rice CL, see McNeil CJ
 Richard P, see Mercuri E
 Rickman SR, see Fox IK
 Rochette L, see Hunter SK
 Rochkind S, see Gigo-Benato D
 Rodriguez MC, see Hamadeh MJ
 Roeske-Anderson L, see Lacomis D
 Romero NB, see Olivier K
 Rossini K, see Kern H
 Rota E, see Isoardo G
 Rudroff T, Poston B, Shin I-S, Bojsen-
 Møller J, Enoka RM: Net excitation of
 the motor unit pool varies with load
 type during fatiguing contractions, 78

Ruzzier F, see Bernareggi A
 Ryan MM, Jones HR Jr: CMTX mimicking
 childhood chronic inflammatory
 demyelinating neuropathy with tremor
 (letter), 528

S

Sabatelli P, see Merlini L
 Salmons S, see Kern H
 Salvadori C, Peters IR, Day MJ, Engvall E,
 Shelton GD: Muscle regeneration,
 inflammation, and connective tissue
 expansion in canine inflammatory
 myopathy, 192
 Sampaolo S, see Ammendola A
 Sarparanta J, see Hackman P
 Sax TW, see Esper GJ
 Schindler S, see Tews DS
 Schoenfeld N, see Syntantiev C
 Schubert M, see Renner CIE
 Sciancalepore M, see Bernareggi A
 Scott WB, see Ding J
 Scott WB, Lee SCK, Johnston TE, Binder-
 MacLeod SA: Switching stimulation
 patterns improves performance of
 paralyzed human quadriceps muscle, 581
 Seeman P, see Vondracek P
 Sewry C, see Mercuri E
 Shelton GD, see Salvadori C
 Shibasaki H, Hallett M:
 Electrophysiological studies of
 myoclonus, 157
 Shin I-S, see Rudroff T
 Shinohara M, Keenan KG, Enoka RM:
 Fluctuations in motor output during
 steady contractions are weakly related
 across contraction types and between
 hands, 741
 Simmons Z, see Groh WJ
 Smith BE, see Pingree MJ
 Smith ME, see Khan S
 Sogaard K, see Finsen L
 Song K, see Gigenrath S
 Soto O: Radiation-induced conduction
 block: Resolution following
 anticoagulant therapy, 642
 Spertini O, see Dunand M
 Stackhouse SK, Binder-MacLeod SA, Lee
 SCK: Voluntary muscle activation,
 contractile properties, and fatigability
 in children with and without cerebral
 palsy, 594
 Stålberg E, see Dornonville de la Cour C
 Staley JT, see Childers MK
 Stashuk DW, see Boe SG; McNeil CJ
 Stegeman DF, see Blok JH
 Stuyvesant A, see Gregory WT
 Sumner AJ, see England JD
 Sunwoo I-N, see Lee K-S
 Syntantiev C, Schoenfeld N, Mamet R,
 Groozman GB, Drory VE: Acute
 neuropathy mimicking porphyria
 induced by aminolevulinic acid during
 photodynamic therapy, 390

T

Tamura Y, Matsui K, Yaguchi H,
 Hashimoto M, Inoue K: Nemaline rods
 in chorea-acanthocytosis, 516

Tanabe J, see Quan D
 Tarnopolsky MA, see Hamadeh MJ;
 Motlagh B
 Tavella A, see Isoardo G
 Tessler A, see Burns AS
 Tews DS, Behrhorf W, Schindler S:
 Expression patterns of initiator and
 effector caspases in denervated human
 skeletal muscle, 175
 Toyka KV, see Buchwald B
 Toyoshima I, see Masuda T
 Trojan DA, Cashman NR: Post-
 poliomyelitis syndrome, 6
 Tsujii M, see Fukuda A

U

Uchida A, see Fukuda A
 Uchino M, see Yamashita T
 Udd B, see Hackman P
 Ueda M, see Yamashita T
 Ueyama H, see Masuda T
 Uludag B, see Ertekin C
 Uusitalo M, see Hackman P

V

Van Der Vusse GJ, see Hesselink RP
 van Kranenburg G, see Hesselink RP;
 Minnaard R
 van Lunteren E, Moyer M: Modulation of
 biphasic rate of end-plate potential
 recovery in rat diaphragm, 321
 Vedeler C, see Mygland A
 Veitch J, see Bullens RWM
 Verschueren A, Azulay JP, Attarian S,
 Boucraut J, Pellissier JF, Pouget J:
 Lewis-Sumner syndrome and multifocal
 motor neuropathy, 88
 Visser GH, see Blok JH
 Visser LH, Beckman R, Franssen H:
 Short-segment nerve conduction studies
 in ulnar neuropathy at the elbow, 331
 Vondracek P, Seeman P, Hermanova M,
 Fajkusova L: X-linked Charcot-Marie-
 Tooth disease: Phenotypic expression
 of a novel mutation Ile127Ser in the
GJB1 (CONNEXIN 32) gene, 252

W

Wagenmakers AJM, see Hesselink RP;
 Minnaard R
 Walsh RJ, see Greenberg SA
 Watarai M, see Yamamoto K
 Weimer LH, see Goldfarb AR
 Weishaupt A, see Buchwald B
 Wexler AS, see Ding J
 Whetzel TP, see Higashimori H
 Whittemore L-S, see Gigenrath S
 Willis K, see Gregory WT
 Willison HJ, see Bullens RWM
 Wilson J, see Marciniak C
 Wilson MH, see Deschenes MR
 Woolstenhulme MT, Jutte LS, Drummond
 MJ, Parcell AC: Desmin increases with
 high-intensity concentric contractions
 in humans, 20
 Wozniak AC, Kong J, Bock E, Pilipowicz

O, Anderson JE: Signaling satellite-cell activation in skeletal muscle: Markers, models, stretch, and potential alternate pathways, 283

X

Xuguo S, see Yamashita T
Xu LQ, see Lo YL

Y

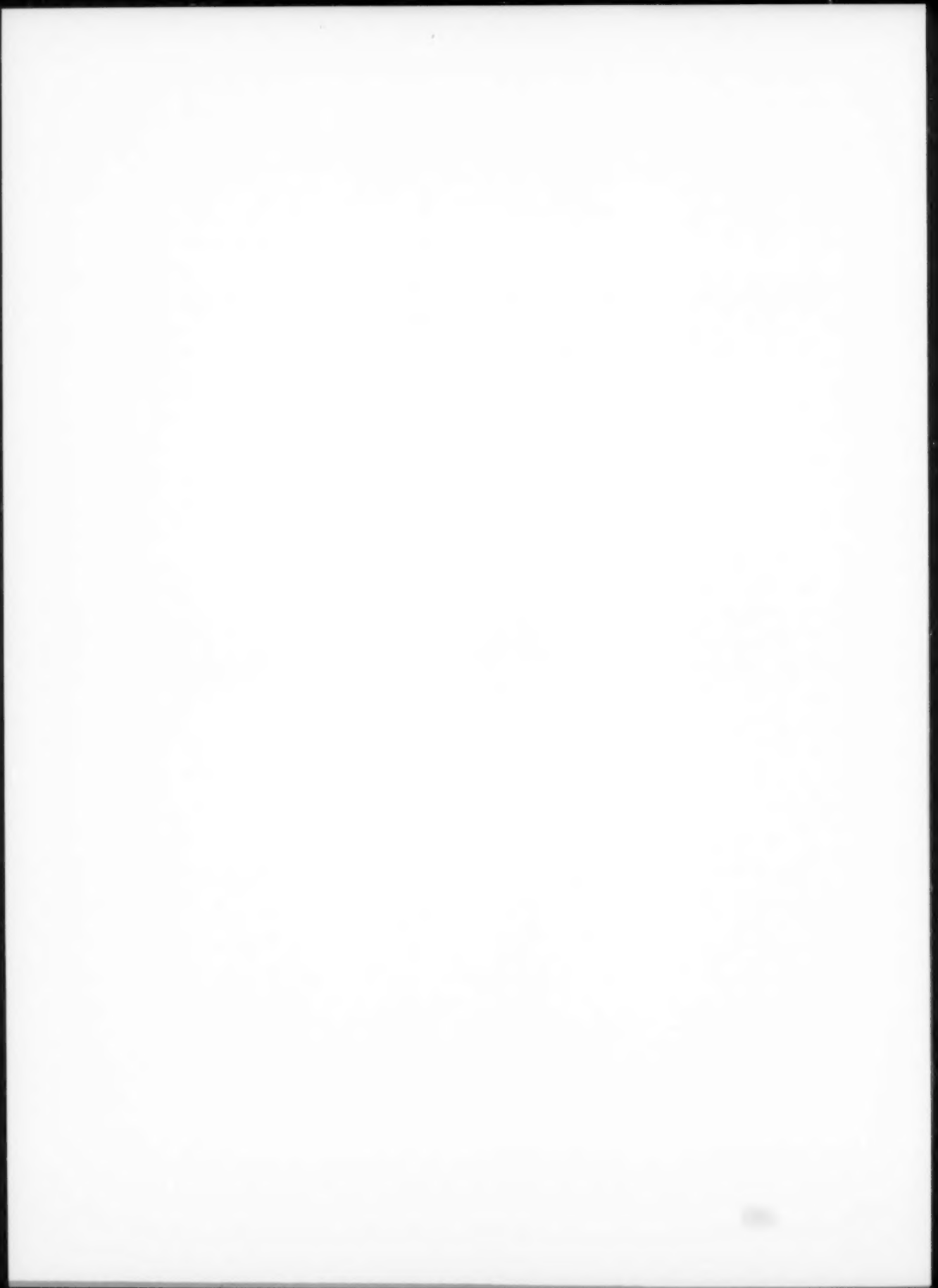
Yaguchi H, see Tamura Y
Yamamoto K, Watarai M, Hashimoto T, Ikeda S-I: Chronic inflammatory demyelinating polyradiculoneuropathy with autonomic involvement, 108
Yamashita T, Ando Y, Katsuragi S, Nakamura M, Obayashi K, Haraoka K, Ueda M, Xuguo S, Okamoto S, Uchino M: Muscular amyloid angiopathy with

amyloidogenic transthyretin Ser50Ile and Tyr114Cys, 41

Yildiz N, see Ertekin C
Yudkowsky MP, see Carter GT

Z

Zamba-Papanicolaou E, see Kleopa KA
Zwarts MJ, see Blok JH; Kho KH



SUBJECT INDEX TO VOLUME 31

This index gives the first page of the article in which the indexed subject occurs.

A

Acetylcholine release, 751
Action potentials, and rippling muscle disease, 652
Adhalin, 199
Afterhyperpolarization, 135
Aging, 461, 730
Alloractivity, 59
Alternation, and motor unit number estimation, 182
Aminolevulinic acid, 390
Amyloid angiopathy, 41
Amyloid myopathy, 266
Amyloidosis, 266
Amyotrophic lateral sclerosis, 214, 431, 663
Amyotrophy, 41
Angiogenesis, 452
Animal models, of spinal cord injury, 46
Anisometric contraction, 741
Antagonist coactivation, 594
Antibodies, and multifocal motor neuropathy, 663
Anticoagulation, 642
Antiganglioside antibody, 88
Anti-gliadin antibodies, 260
Anti-GQ1b antibodies, 751
Apoptosis, 175
Arrhythmias, 719
Ataxia, 260
Atrophy, and caspases, 175
Autonomic neuropathy, 108, 510
Axonal excitability, 663
Axonal neuropathy, 516
Axon caliber, 610

B

Benign adult familial myoclonic epilepsy, 157
Blood flow occlusion, 78
Body mass index, 628
Book reviews
 Amyotrophic Lateral Sclerosis, 790
 Atlas of Human Anatomy, 275
 Handbook of Clinical Neurophysiology, 126
 Management of Patients with Neuromuscular Disease, 406
 Myology, Basic and Clinical, 3rd Edition, 531
 Netter's Atlas of Human Neuroscience, 275

Brain-derived neurotrophic factor, 46
Burn injury, and nerve function, 610

C

Calcium-channel antibodies, 487
Caloric restriction, 214
Canine inflammatory myopathy, 192
Canine masticatory muscle myositis, 192
Capsaicin, 25
Cardiomyopathy, 602, 719
Carpal tunnel syndrome, 394
Caspases, 175
Catchlike-inducing trains, 681
Caveolin-3, 652
Celiac disease, 260
Central demyelination, 772
Cerebral palsy, 594
Charcot-Marie-Tooth disease, 252, 418, 431, 528, 602
Chemokines, 192, 621
Chloroquine, 495
Cholesterol-reducing agents and myotoxicity, 572
Chorea-acanthocytosis, 516
Chronic denervation, 98
Chronic inflammatory demyelinating polyneuropathy, 52, 589, 772
Chronic inflammatory demyelinating polyradiculoneuropathy, 108, 301
Chronic lymphocytic leukemia, 301
Chronic nerve compression injury, 452
Clathrin, 495
Clinical course, of chronic inflammatory demyelinating polyneuropathy, 589
C-met, 283
CMTX1, 252
Colchicine, 572
Cold-preservation, of nerve allografts, 59
Common peroneal neuropathy, 725
Compressive neuropathy, 394, 520
Concanavalin A, 751
Concentric contraction, 20
Conduction block, 642, 663
Conduction velocity, after burn injury, 610
Congo red, 266
Connexin 32, 252
Constant-frequency train, 581, 702
Contractile properties, 594
Contracture, 535
Cortical magnetic stimulation, 349

Corticobasal degeneration, 157
Cremasteric muscle, 349
Creutzfeldt-Jakob disease, 157
CTG repeat length, 719
Cutaneous nerves, injury by venipuncture, 415
Cytokines, 192
Cytoskeleton, 20, 572

D

Daily energy expenditure, 637
Deep peroneal neuropathy, 520
Dejerine-Sottas syndrome, 431
Demyelinating neuropathy, 88, 528
Demyelination, 108, 642
Dendrites, 135
Denervation, 46, 175, 235
Dentatorubral-pallidoluysian atrophy, 157
Dermatomyositis, 621
Desmin, 20
Dietary requirements, and muscle disease, 713
Dilated cardiomyopathy, 602
Distal symmetrical polyneuropathy, 113
Disuse, and spastic paraparesis, 535
DMMP, 503
Doublet-frequency trains, 581, 681, 702
Duchenne muscular dystrophy, 431, 621, 788
Dynamometer, 374
 α -Dystroglycan, 572
Dystrophia myotonia, 713
Dystrophin, 768
Dystrophin-glycoprotein complex, 199

E

Elbow, ulnar neuropathy at, 633
Electrical stimulation, functional, 98
Electrodiagnosis, and peroneal neuropathy, 520
Electrodiagnostic medicine, and ethical behavior, 400
ELISPOT assay, 59
Emery-Dreifuss muscular dystrophy, 431, 602
 β -Endorphin, 481
Endplate, 468
End-plate potential, 321

Entrapment neuropathies, 520
 Eosinophilia, 646
 Eosinophilic perimyositis, 646
 Eotaxin receptor, 192
 Epidemiology, of polyneuropathy, 113
 Epilepsia partialis continua, 157
 Ethics, and electrodiagnostic medicine, 400
 External anal sphincter, 256

F

Fabry's disease, 102
 Facioscapulohumeral muscular dystrophy, 431
 Familial amyloid polyneuropathy, 41
 Familial clustering, 719
 Familial partial lipodystrophy, 602
 Farnesylation, 572
 Fascicle, nerve, 725
 Fatigue, 681
 Fiber density, 70
 Fiber plasticity, 34
 Fiber type, 34, 339
 Fibrosis, and inflammatory myopathy, 192
 Foot drop, 520
 Force, 339, 365, 768
 Force-velocity, 355
 Functional electrical stimulation, 98, 581, 681, 702
 F-wave latency, 407

G

G93A mice, 214
 Gamma-aminobutyric acid, 135
 Gap junction protein beta 1, 252
 Genetic determinants of inherited disease, 418
 Genetics, and myotonic dystrophy type 1, 719
 Genetic testing, 418, 431
 Genitofemoral nerve, 349
 Glucose uptake, and β -endorphin, 481
 α -Glucosidase knockout mice, 374
 Gluten enteropathy, 260
 Glycogen storage disease, 374
 GM1, 663
 Golden retriever muscular dystrophy, 768
 G proteins, 572
 Groin pain, 349
 Growth hormone, 6
 GSD II, 374
 Guillain-Barré syndrome, 70, 301, 663

H

Hepatitis C virus, 382
 Hepatocyte growth factor, 283
 Hereditary motor and sensory neuropathy, 252
 Hereditary motor neuropathies, 431
 Hereditary neuralgic amyotrophy, 431
 Hereditary neuropathy with liability to pressure palsies, 431
 Hereditary spastic paraplegias, 431
 HGF, 283
 Hodgkin's lymphoma, 301

Hutchinson-Gilford progeria syndrome, 602
 Hyper-CK-emia, 764
 Hypertrophic neuropathy, 772

I

Idiopathic inflammatory myopathy, 621
 Immobilization, spastic paraparesis and, 535
 Immunoblotting, 621
 Immunoelectrophoresis, 266
 Immunofluorescence, 621
 Immunoglobulin G, 487
 Immunoglobulin M, 510
 Immunomodulatory therapy, 108
 Immunosuppressive treatment, 589
 Impaired glucose tolerance, 273
 Inclusion-body myopathy, 260, 431, 621
 Inflammatory myopathy, 621
 Informed consent, 400
 Inherited neuropathies, 528
 Insulin-like growth factor-1, 6
 Interference pattern analysis, 25
 Intracortical excitability, 314
 Intravascular lymphoma, 301
 Intravenous immunoglobulin, 487, 663
 Ischemia, 205
 Isometric contraction, 741
 Isometric strength, 461
 Isoprenoids, 572

J

Jerk-locked back averaging, 157

K

Kinesthesia, 780
 Knockout mice (*SIX5^{-/-}*), 503

L

Lambert-Eaton myasthenic syndrome, 487
 Lamin A/C, 572, 602
 Lansoprazole treatment, 124
 Lateral epicondylitis, 242
 Lateral femoral cutaneous nerve, 761
 α -Latrotoxin, 751
 Lewis-Sumner syndrome, 88
 LGMD2D, 199
 Lifespan, and caloric restriction, 214
 Lifestyle, in McArdle's disease, 637
 Limb girdle muscular dystrophy, 199, 602, 652
 Liver transplantation, in amyloidopathy, 41
 Lumbar magnetic stimulation, 349
 Lumbosacral radiculoplexus neuropathy, 273
 Lymphedema, 398
 Lymphomatoid granulomatosis, 301
 Lysosome, 495

M

Macro-electromyography, 6, 70, 475
 Magnetoencephalography, 157

Malabsorption, 260
 Malignant hyperthermia susceptibility, 431
 Mandibuloacral dysplasia, 602
 Mannose 6-phosphate receptor, 495
 Martin-Gruber anastomosis, 95
 McArdle's disease, 637
 Medial dorsal superficial peroneal nerve, 386
 Median nerve, 95
 Membrane potential, 205
 Meralgia paresthetica, 761
 Mevalonate, 572
 Microgravity, 468
 Mixed cryoglobulinemia, 382
 Monoclonal gammopathy, 510
 Monocyte chemoattractant protein-1, 621
 Mononeuritis, 520
 Motoneurons, 135
 Motor cortex, 314
 Motor learning, 314
 Motor neuron disease, 301, 663
 Motor output, 741
 Motor performance, caloric restriction and, 214
 Motor unit, 365
 Motor unit action potentials, 242
 Motor unit number estimation, 182, 365, 461
 Motor unit size, 475
 mRNA, 495
 Multifocal motor neuropathy, 88, 663
 Multi-MUAP analysis, 256
 Multiple sclerosis, 772
 Muscle architecture, 355, 475
 Muscle contracture, 552
 Muscle fatigue, 78, 702, 730
 Muscle fiber, 175, 468, 475, 506, 764
 Muscle injury, 768
 Muscle overactivity, 552
 Muscle pain, 25
 Muscle plasticity, 20
 Muscle receptors, 780
 Muscle regeneration, 98
 Muscle stiffness, 646
 Muscle strength, 374
 Muscle tension, 481
 Muscle wasting, 175, 339, 535
 Muscle weakness, 487, 503, 535
 Muscular dystrophy, 192, 481, 602, 713
 Myasthenia gravis, 321
 Myelin-associated glycoprotein (MAG), 52
 Myoclonus, 157
 Myoclonus epilepsy with ragged-red fibers, 157
 Myofiber hypertrophy, 764
 Myopathy, 260, 266, 418, 431, 516, 572
 Myophosphorylase deficiency, 637
 Myosin heavy chain, 34, 768
 Myositis, 192, 260, 431, 621
 Myostatin, 34
 Myotonia, 652
 Myotonic dystrophy, 431, 503, 506, 713, 719, 764
 Myotoxicity, 572

N

Necrotizing myopathy, 192
 Nemaline rods, 516
 Nerve allograft, 59

Nerve conduction diagnostic sensitivity, 386
 Nerve conduction studies, 52, 407, 528, 633, 725
 Nerve excitability, 205
 Nerve ischemia, 642
 Nerve regeneration, 221, 229
 Nerve repair, 59, 221, 229, 694
 Nerve terminal, 468
 Neurolymphomatosis, 301
 Neuromuscular adaptations to spaceflight, 468
 Neuromuscular disease, and heredity, 418, 431
 Neuromuscular function, 321
 Neuromuscular junction, 229, 751
 Neuropathy, 102, 124, 260, 301, 418, 431, 610, 725
 Neurorehabilitation, 694
 Neurotization, 221, 229
 Neurotransmitter rundown, 321
 Nitric oxide, 283, 610
 N-methyl-D-aspartate, 135
 Nondiabetic radiculoplexus neuropathy, 273
 Non-Hodgkin's lymphoma, 301
 Norepinephrine, 135
 Northern blot, 495
 Nutrient requirements, and muscle disease, 713

O

Obesity, and Duchenne muscular dystrophy, 788
 Obturator nerve, 221
 Oculopharyngeal muscular dystrophy, 431
 Old age, and strength training, 355
 Olivopontocerebellar atrophy, 157
 Open carpal tunnel release, 394
 Oxidative stress, 214

P

Paired-pulse, and cortical stimulation, 314
 Paraplegia, 98, 535, 552
 Paraproteinemia, 52
 Patch-clamp, 506
 Pathophysiology, of postpolio syndrome, 6
 Pathophysiology, of spastic paraparesis, 535, 552
 Perimysitis, 646
 Peripheral demyelination, 772
 Peripheral nerve, 59, 407, 415, 610, 694
 Peripheral neuropathy, 205, 382
 Peroneal nerve, 725
 Peroneal neuropathy, 520
 Persistent currents, 135
 Phenotype variability, 602
 Photodynamic therapy, neuropathy and, 390
 Phototherapy, and nerve repair, 694
 Physical activity, in McArdle's disease, 637

Plasticity of dynamic muscle performance, 355
 POEMS, 301
 Poisson distribution, MUNE and, 182
 Poliomyelitis, 6
 Polymyositis, 192, 621
 Polyneuropathy, 386, 390, 628
 Polyradiculoneuropathy, 772
 POMC peptides, 481
 Porphyrin, 390
 Postnatal terminal differentiation, 34
 Postoperative complications, of carpal tunnel release, 394
 Post-poliomyelitis syndrome, 6
 Postural muscles, 468
 Potentiation, 681
 Pressor response, 78, 730
 Progressive myoclonus epilepsy, 157
 Proprioception, 780
 Prosthetic joints, 398

Q

Quantitative electromyography, 256, 365

R

Radial nerve, 628
 Radiation neuropathy, 642
 Regeneration, 283, 694
 Reinnervation, 70, 229, 235
 Reproducibility, of F-wave latency, 407
 Research, ethics and, 400
 Resistance training, 355
 Restrictive dermopathy, 602
 Rhabdomyolysis, 572
 Rippling muscle disease, 652
 Rituximab, 510

S

α -Sarcoglycan gene, 199
 α -Sarcoglycanopathy, 199
 Sarcopenia, 461
 Satellite-cell activation, 283
 Satellite cells, 283
 Schwann cells, 452
 Schwann cell transplantation, 229
 Sciatic nerve, 221
 Selenoprotein N, 572
 Sensory evoked potentials, 761
 Sensory neuropathy, 102, 510
 Sepsis, 339
 Serotonin, 135
 Short-segment nerve conduction studies, 331, 633
 Single-fiber electromyography, 6
 SIX5, 503
 Size principle, 365
 Sodium channels, 506
 Sodium pump, 205
 Spastic cocontraction, 552

Spastic dystonia, 552
 Spasticity, 552
 Spinal cord injury, 46, 135, 581, 702
 Spinal muscular atrophy, 431
 Sprint training, desmin and, 20
 Static exercise, 78
 Statins, 572
 Statistical method, for MUNE, 182
 Steadiness, and motor output, 741
 Stretch-induced force deficits, 768
 Stretch-sensitive paresis, 552
 Subacute sclerosing panencephalitis, 157
 Superficial peroneal neuropathy, 520
 Superficial peroneal sensory nerve, 725
 Sural nerve, 628
 Sural/radial amplitude ratio, 628
 Survival motor neuron 1, 252
 Synapse, 468
 Synaptogenesis, 221

T

Task failure, 730
 T-cell expansion, 646
 Terminal latency index, 52, 589
 Thyroid releasing hormone, 135
 Topiramate, 788
 Transcranial magnetic stimulation, 157, 314
 Transforming growth factor-beta, 192
 Transplantation, and Fabry's disease, 102
 Transthyretin, 41
 Transverse tubular system, 652
 Tumor necrosis factor- α , 610

U

Ulnar nerve, 95, 331
 Ulnar neuropathy, 331, 633
 Ulnar neuropathy at the wrist, 394
 Ultrasound, and muscle architecture, 355

V

Variable frequency train, and functional electrical stimulation, 581
 Vascular endothelial growth factor (VEGF), 452
 Venipuncture, and nerve injury, 415
 Vitamin E deficiency, 260
 Voluntary muscle activation, 594

W

Weight reduction, in Duchenne muscular dystrophy, 788
 Wrist extension, 242

X

X-linked Charcot-Marie-Tooth disease, 252



